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Toxicology and Applied Pharmacology publishes original scientific research pertaining to the action of chemicals, drugs, or natural products on the structure or function of animal (including human) cells and/or tissues. Manuscripts should address mechanistic approaches to physiological, biochemical, cellular, or molecular understanding of toxicologic/pathologic lesions and to methods used to describe these responses. Papers dealing with alternatives to the use of experimental animals are encouraged.

When studies involve the use of experimental animals, manuscripts should briefly describe the procedures employed for animal care and handling. Experiments that require the use of animals must be conducted in accordance with the *Guiding Principles in the Use of Animals in Toxicology,* which were adopted by the Society of Toxicology in 1989. A statement of these principles is published in the January issue.

A limited number of short reviews on subjects of timely interest to toxicologists will be considered as part of the section on Contemporary Issues in Toxicology. Highlights, Announcements, and Letters to the Editor are discussed below.

Manuscripts are accepted for review with the understanding that the same work has not been published, that it is not under consideration for publication elsewhere, and that its submission for publication has been approved by all of the authors and by the institution where the work was carried out; further, that any person cited as a source of personal communications has approved such citation.

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Example: A Biologically Based Toxicokinetic Model for Pyrene in Rainbow Trout. LAW, F. C. P., ABEDINI, S., AND KENNEDY, C. J. (1991). *Toxicol. Appl. Pharmacol.* **110,** 390–402.

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Common abbreviations to be used in this journal are:

m	meter	ppm	parts per million
cm	centimeter	cpm	counts per minute
mm	millimeter	dpm	disintegrations per minute
μm	micrometer	sc	subcutaneous
nm	nanometer	ic	intracutaneous
kg	kilogram	im	intramuscular
g	gram	ip	intraperitoneal
mg	milligram	iv	intravenous
μg	microgram	po	oral
ng	nanogram	LD50	medial lethal dose
ml	milliliter	LC50	medial lethal concentration
μl	microliter	Hz	hertz
mol	mole	°C	centigrade
M	molar	sec	seconds
mM	millimolar	min	minutes
μM	micromolar	hr	hours
N	normal	SD	standard deviation
Ci	Curie	SE	standard error
$\bar{x}$	mean	TLV	threshold limit value

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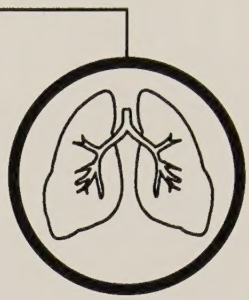

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